

ABSTRACT OF THE DISCLOSURE

The invention relates to a rotor for a centrifuge intended for the separation of solid particles from a fluid, in particular from the lubricating oil of a Diesel combustion engine, with a rotor housing that is rotatable about a central rotational axis and cylindrical in its basic shape, wherein the rotor housing comprises a fluid inlet, a fluid outlet with one or more propulsion nozzles for driving the rotor by means of the fluid flowing through them, and walls that are provided in and partition the interior region of the rotor. The new rotor is characterized in that several wall pairs that are spaced apart from each other in a circumferential direction are provided in the interior rotor region, comprising walls that are also spaced apart from each other in a circumferential direction and enclose between them a space having the approximate shape of a gap, with the space radially extending in an outward direction from a central area that is connected to the fluid inlet and ending at a distance from or at a circumferential wall of the rotor housing, thus permitting fluid to enter into the remaining interior rotor region.

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